

Abstract

The present invention relates to a cultivar of *Phyllanthus amarus* 'CIM-Jeevan', producing high amount of herb, phyllanthin and hypophyllanthin, wherein said cultivar is developed through γ -irradiation of superior germplasm, the said plant produces high amount of herbage yield ranging between 1.0-1.15 kg per sqm fresh total plant herb, possesses high vegetative erect growth with a height ranging between 60 to 65 cm, produces phyllanthin ranging between 0.70-0.77% in dry herb, produces hypophyllanthin ranging between 0.32-0.37% in dry herb, and shows seed germination of about 90%.